

AMENDMENT UNDER 37 C.F.R. § 1.111
Appln. No. 09/843,771
Docket No. Q63730

AMENDMENTS TO THE SPECIFICATION

Please amend the last full paragraph of page 3 as follows:

AI
“Cellcomtext:” (www.world wide web at cellcom.co.il/index.html) is a system for sending text messages to a subscriber, such that a caller may use voice commands to compose and send messages. This system enables immediate notification to the subscribers mobile telephone, via Short Messaging Service (hereinafter “SMS”), and enables subscribers to silently access the actual content of messages. The disadvantage is that the messages are limited to a pre-programmed list of common messages. Furthermore, the sender needs to be aware of the service’s existence, and must remember the number of the service, in order to dial in to receive the original (audio) messages. The process of composing a reply message is time consuming and limited in alternatives, as it is dependant on similar interaction with an Interactive Voice Response (hereinafter “IVR”) system, and a limited selection of messages.

Please amend the first full paragraph of page 4 as follows:

AR
A similar technology is Globelines Landline Texting system (<http://www.world wide web at globe.com.ph/>), which provides a system that enables sending text messages composed via landline telephones. These telephones require proprietary client software, and enable composition of text messages using DTMF-based dialing (typing key numbers 1-4 times for the letter or symbol required). This system uses an IVR system and aids the user by providing a list of pre-composed messages.

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[Please amend the second full paragraph of page 4 as follows:]

VocalLink (<http://www.world wide web at vocallink.com/faq.asp>) is a system that enables users to listen and reply to all messages, whether email, voicemail or faxes, using any telephone, computer or wireless device from one central location. Voice messages are either transmitted as .WAV files, or converted to text using a speech to text converter. Access to messages is achieved via calling in to a central location. This system requires phoning into central number to access a users messages.

Please amend the second full paragraph of page 12 as follows:

An example of such software is Comverse Network System's "Tel@Go voice-recognition assistant" (http://www.world wide web at converse.com/solutions/spee_por.htm).

The voice recognition software component required for the working of the present invention may be of various standards. Currently, most voice recognition software packages are either able to be trained by the user to recognize his/her basic language, or at least are able to recognize and convert basic conversational words. In addition, it is expected that a relatively limited vocabulary will comprise a large portion of the terms used in common messages (e.g. "Call", "Meeting", "Later", "Ten-thirty"). This limited vocabulary can greatly enhance automatic speech response (ASR) performance to the degree that a very high percentage of messages will be correctly recognized. This level of voice recognition suffices for the requirements of the present invention, since the gist of a message, or at least basic instructions may be understood and processed.

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Please amend the paragraph bridging pages 14 and 15 as follows:

The chosen or composed voice message is sent to the Automatic Voice Recognition Server (AVRS) 24, where the voice data is converted into a text format, using the necessary voice recognition software. The AVRS 24 returns the converted message to the CAS 14. The CAS 14 then optionally makes use of a Fax Emulator 16, e-Mail Interface 18, Instant Messaging (IM) Interface 20, and/or SMS Interface 22, as necessary, to further format and prepare the message in order to send the message in the appropriate format and via the medium chosen by the CGP 1060, 1070, 1080. Each of these application tools are taken from existing software systems, for example, application tools from Comverse Network Systems, Inc. (www.world wide web at converse.com, Wakefield, Mass., USA). The SMS interface 22 enables automatic translation of a voice message into text, such that the text can be used as a SMS message. The email interface 18, the IM interface 20, and Fax emulator 16 perform functions similar to the SMS interface 22, according to the nature of the destination of the message. It is thereby possible to compose a message by speech on various devices or platforms, and subsequently translate the speech to text, for all forms of non-voice messaging. This invention thereby enables the changing of the process of the message deposit, wherein the invention switches the message medium within the course of the calling parties deposit process.